

Date: Mon, 20 Sep 93 14:40:48 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1119  
To: Info-Hams

Info-Hams Digest                      Mon, 20 Sep 93                      Volume 93 : Issue 1119

Today's Topics:

                    \* MORSE CODE TABLE \*  
    Computer Control of Kenwood TS690s and IC 275/475  
                    duplexer  
                    FT-530 Jumper 11 ???  
                    HELP: Modifying DJ580T  
                    Houston Tx Auction  
                    New HF Rig  
                    QRP ARCI Awards  
                    RS HTX202 warning  
    University Amateur Radio Club Net  
                    UOC?  
                    Who Wrote Scratchi?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: Mon, 20 Sep 1993 13:57:03 GMT  
From: das.wang.com!wang!dbushong@uunet.uu.net  
Subject: \* MORSE CODE TABLE \*  
To: info-hams@ucsd.edu

randy@cyphyn.radnet.com (Randy) writes:

>But...if I have to write down EACH word/letter my RPM drops fast.

>If I'm out in the other room and not writing it down, I can catch calls,  
>and words ...but I can't store up a whole sentence in my head.

>Thus, while just waiting for a call, or some one I know, I can tell who  
>is who, get the RST report --sometimes a name... or QTH they are in...  
>all at a much faster clip, than when I have to write it down letter by  
>letter....I can not write faster than 6-7 WPM...and type even worse!

>I wonder then if that has PARTLY to do with it?

>HOW in blazes do people DO 20 wpm writing it down? The copy must look awful!  
> -----

I've found that if I'm being graded on copying code, my hand cramps  
really quickly at 20 or so wpm because I'm trying to print neatly. I  
can write in cursive a little faster, but that's about the limit. I  
can type yet faster, but I don't copy code using a typewriter, so I  
don't know if my brain would make the connection between a sound and a  
keystroke fast enough.

Usually for higher-speed ragchews, I just write down the word or words  
that will remind me what to say when I want to make a comment/reply,  
and the rest just goes into my (short-term) memory.

But I never use CW if it's not fun. That's my only rule about Morse  
code.

And.... oh, yes, the copy \*does\* look awful :)

73,  
Dave

--  
Dave Bushong, Wang Laboratories, Inc.      Amateur Radio Callsign KZ10  
Project Leader, Recognition products      kz1o@n0ary.#noca.ca.na  
Internet: dbushong@wang.com              ARRL VE      //      W5YI VE

-----  
Date: Mon, 20 Sep 1993 11:09:12 GMT  
From: usc!howland.reston.ans.net!spool.mu.edu!torn!csd.unb.ca!UPEI.CA!  
seeler@network.ucsd.edu  
Subject: Computer Control of Kenwood TS690s and IC 275/475  
To: info-hams@ucsd.edu

I was interested in hearing from those people who currently utilize  
software ( either MSDOS or WINDOWS 3.1 format) to control either the  
TS690s or the IC-275/475 pair. Other than a couple of advertisements  
in QST and a vague reference to RIG-EQF elsewhere I have not heard  
any reviews or suggestions as to the best programs ( in your opinion)  
for rig control.

Thanks for your consideration of this request for information.

73 David, VY2DCS - 6 Meters and above, and 80 - of all places :-)  
Digital Modes / Voice

Internet: Seeler@UPEI.CA  
AX25: VY2DCS@VE1AIC.PE.CAN.NA

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Date: 20 Sep 1993 14:22:59 GMT  
From: pipex!zaphod.crihan.fr!vishnu.jussieu.fr!masi!darche@uunet.uu.net  
Subject: duplexer  
To: info-hams@ucsd.edu

I'm designing a wireless network for little mobile robots. It's a full-duplex communication. The name of my system is ActNet for robotic Actors Network.

#### Bibliography :

[Darche - Nowak 93] Ph. Darche, G. Nowak - "ActNet : A Heterogeneous Network of Actors for Learning of Parallelism, Communication and Synchronization"  
- NATO Series F : Computer and Systems Sciences - Springer Verlag - Liege  
- Novembre 1992 paru aussi en rapport de recherche MASI N! 93-22  
- Universite Pierre et Marie Curie - Paris.

I have to design a duplexer and I would like to know the way to specify this one (attenuation and duplex spacing in particular) from the features of the emitter (emitting frequency coverage and emission power mainly) and of the receiver (sensitivity and receiving frequency coverage mainly).

#### Specifications of the transmitter :

- FM modulation,
- transmitter power  $P_o = 1$  Watts maximum
- transmitter frequency coverage  $f_o = (40-45 \text{ Mhz})$  and  $(70-75\text{Mhz})$ ,
- output impedance  $Z_o = 50$  ohms,

#### Specifications of the receiver :

- FM modulation,
- reception frequency  $f_r = (40-45 \text{ Mhz})$  and  $(70-75\text{Mhz})$ ,
- input impedance  $Z_i = 50$  ohms,
- reception IC : Motorola MC3362-3363.

Channel spacing : 50 Khz.

Could you help me ?

Thanks in advance and best regards.

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( ' 0-0 ' )

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Institut Blaise Pascal  
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FRANCE

Email : darche@masi.ibp.fr |  
Telephone : 33-1-44-27-34-23 | "excuse for my french english !"  
Fax : 33-1-44-27-62-86 | me.

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Date: 20 Sep 93 05:58:33 GMT  
From: ogicse!emory!news-feed-1.peachnet.edu!gatech!nntp.msstate.edu!  
nntp.memst.edu!cse\_test@network.ucsd.edu  
Subject: FT-530 Jumper 11 ???  
To: info-hams@ucsd.edu

Does anybody know what removing solder jumper 11 does on the ft-530.  
Somebody told me that it allows access to 1.2G or 1200MHz.  
Is this true.

Please leave email.  
Thanks

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Date: 20 Sep 1993 14:02:54 GMT  
From: concert!quad.wfunet.wfu.edu!bakalov@decwrl.dec.com  
Subject: HELP: Modifying DJ580T  
To: info-hams@ucsd.edu

Hi everyone,

Does anyone know how to modify DJ-580 so it can transmit on  
430-440Mhz, too? I will be leaving for Germany soon and I would like to  
use my radio there. I looked at the diagram and I couldn't find the way  
they prevent the transmitter to transmit outside the US freq. range.

I will be going back and forth to Germany so buying a DJ-580E is not a good idea; I would rather have one radio that works everywhere.  
Going along the same lines, can the mobile ALINCOs transmit in the 430-440MHz band?

Your help will be highly appreciated.

73, Rudy  
(call TBA in 10 weeks)

--

"Good Taste is Always an Asset"

+-----+-----+	
Rudy Bakalov	tel (919) 759-4681
Babcock Graduate School of Management	fax (919) 759-5830
Wake Forest University, NC 27109	Internet bakalov@wfu.edu
+-----+-----+	

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Date: 20 Sep 93 12:01:10 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Houston Tx Auction  
To: info-hams@ucsd.edu

HAM AND COMPUTER EQUIPMENT AUCTION - Houston Texas area (Clear Lake)

The Clear Lake Amateur Radio Club (CLARC) will hold its yearly  
Ham and computer equipment auction: (this is our 5th!)

SATURDAY OCTOBER 23rd

Equipment checkin 8:00am  
Auction begins 9:30am

Location: Webster Volunteer Fire Station # 2 located on Texas Ave  
in Webster Tx.

Directions: Take I45 North or South towards the Clear Lake area (South of Houston, North of Galveston). Exit Bay Area Blvd EAST (away from the mall). The first stop light will be Texas Ave, turn right. The fire station is about 1 1/2 miles on the right.

Talk-In: 442.750+ p1103.5 and 146.64-

What is it?

Unlike a swapfest, the auction is just that. You bring you good/bad/ugly equipment to have it auctioned off. (You can also clean out your closet

and donate it to CLARC so they can raise funds!). Pure junk is ok too!  
CLARC depends on YOU to bring stuff to make the auction a success.

#### Procedures/Rules:

Entry fee: \$2.00, gets you a ticket for the door prizes and a  
buyer/seller number. Children under 12 free, but they  
can't buy or sell

Selling: The item goes to the highest bidder. CLARC takes 10% of the  
selling price up to a maximum of \$20.. for example, you  
sell an old microphone for \$25.00, CLARC gets \$2.50. You  
part with your linear amp for \$500.00, CLARC gets \$20. OK?

\*\*\* You may buy back your own equipment by bidding high.. this  
will cost you only \$1.00! Hard to go wrong.

All guarantees/warranties are between the seller and the buyer, CLARC  
bears no responsibility.

Popcorn and sodas will be sold during the auction.

Proceeds are to support the linking of the 442.750 CLARC repeater to  
three affiliated CLARC repeaters. The 444.275 KJ5AZ, the 444.625 WB5WOW  
and the 1.2Gg WB5PWG repeater. This club project will greatly increase  
coverage across the Houston area. Link radios and antennae will be  
purchased with these funds.

When you are done selling/buying, you simply come up and checkout.  
The computer will show you how much you owe or are due. Once you  
checkout you cannot buy/sell unless you buy a new ticket.  
NO Equipment will be released without a signed CLOSEOUT sheet from  
the treasurer. This protects your stuff and everyone else's!

It's fun, and last year the place was packed with great bargains.  
So all you folks in the Houston/Galveston area mark OCT 23rd on  
your calendar. Checkin 8am, auction will run until 1pm or so.

We need your stuff! IF you have equipment you want to donate but  
can't make the auction, please call 713/488-2036.

See you there  
73 de Bob KA5GLX

BIEKERT@aol.com      FBMD50A on Prodigy      KA5GLX@KA5KTH.TX.USA.NOAM

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Date: 20 Sep 93 16:24:06 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: New HF Rig  
To: info-hams@ucsd.edu

hi--

we are considering a new lowband rig and would like some input from other hams....The rigs we're looking at are the Yaesu FT1000(not the ft1000D), the Icom IC-765 and the base kenwood ts 950....We would appreciate all the comments for suggestions people have....thanx Gary KE9MI Southern Illinois University Amateur Radio Club W9UIH

internet: st1860@siucvmb.siu.edu  
bitnet: st1860@siucvmb.bitnet

-----  
Date: Mon, 20 Sep 1993 13:59:46 GMT  
From: sgi!twilight!odin!chuck.dallas.sgi.com!adams@ames.arpa  
Subject: QRP ARCI Awards  
To: info-hams@ucsd.edu

QRP Amateur Radio Club International  
Operating Awards Program

The objective of the QRP ARCI Operating Awards Program is to demonstrate that "power is no substitute for skill". It encourages full enjoyment of Ham Radio while running the minimum power necessary to complete a QSO and thereby reducing QRM on our crowded bands. QRP is defined by the club as 5 watts output CW and 10 watts PEP output SSB. The following awards are available to any Amateur. Requirements are set forth below.

QRP-25

This award is issued to any Amateur for working 25 members of QRP ARCI while those members were running QRP. Endorsements are offered for 50, 100 and every 100 thereafter. To apply send list of members worked. List should be in numerical order.

WAC-QRP

This award is issued to any Amateur for confirming QSOs with stations in all six continents while running QRP.

### WAS-QRP

This award is issued to any Amateur for confirming QSOs with stations in 20 or more of the 50 states of the USA while running QRP. Endorsement seals are issued at 30, 40 and 50 states confirmed.

### DXCC-QRP

This award is issued to any Amateur for confirmed QSOs with 100 ARRL countries while running QRP.

### 1000-MILE-PER-WATT (KM/W)

This award is issued to any Amateur transmitting from, or receiving the transmission of, a QRP station such that the Great Circle Bearing distance between the two stations, divided by the QRP stations power output equals or exceeds 1000 Miles-per-Watt. Additional certificates can be earned with different modes and bands.

### QRP-NET (QNI-25)

This award is issued to those members completing 25 check-ins into any individual QRP ARCI net. Subsequent 25 QNIs in another net will earn an endorsement seal. Net managers send a list of those qualifying to the Nets Manager at the end of the month. Awards are issued FREE to those qualifying by the Awards Chairman as information is received from the Nets Manager.

### NOTES

- 1) The fee for all awards, except QRP NET (QNI-25), is \$2.00 US or 10 IRCs. Subsequent Endorsement Seals are \$1.00 or 5 IRCs. Make checks or money orders (preferred) payable to QRP ARCI. Cash accepted, but not recommended through the mail.
- 2) GCR List (General Certificate Rule): QRP ARCI will accept as satisfactory proof of confirmed QSOs and that the QSLs are on hand as claimed by the applicant if the list is signed by: (a) a radio club official, OR (b) two amateur radio operators, general class or higher, OR (c) notary public, OR (d) CPA. If you must send QSLs, please include postage for their return. Neither QRP ARCI or the Awards Chairperson are responsible for lost or damaged QSLs.
- 3) QRP ARCI member numbers are not published. The Awards Program will accept as satisfactory proof for any of the club awards a QSO with a club member giving their membership number and power output in the log data. If the QRP number and power are not given a QSL



is required for confirmation. See Note 2 above.

4) Endorsement seals are available for a) One Band, b) One Mode,  
c) Natural Power, d) Novice and e) Two-way QRP if log data so indicates.

Send Applications to:

QRP ARCI AWARDS CHAIRMAN  
Chuck Adams K5FO  
830 Waite Drive  
Copper Canyon, TX 75067-8581

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Date: Mon, 20 Sep 1993 15:03:45 GMT  
From: saimiri.primite.wisc.edu!sdd.hp.com!hp-cv!hp-pcd!hpcvsnz!davidc@ames.arpa  
Subject: RS HTX202 warning  
To: info-hams@ucsd.edu

Macy Hallock (macy@telemax.com) wrote:

: In article <1993Sep18.164736.1@wsub.ctstateu.edu>  
ritterbus001@wsub.ctstateu.edu writes:

: >A friend in my daughter's club warned that the plastic loop on the side  
: >of the HTX202 where you fasten the wrist-stap ring had broken off of  
: >his, causing the HT to fall. Fortunately, he was on a carpeted floor,  
: >so no further damage resulted.

: I've had this happen on Yaesu and Icom radios. Plastic only has  
: limited strength. The RS unit is heavier than the mini handhelds  
: as well. A wrist strap can impart a false sense of security with  
: anyhanded, at best its a safety against fumble fingering the unit.  
: At worst, someone letting the HT swing freely may be in for a nasty  
: surprise...

: 'nuff said.

: --

: Macy Hallock N80BG Voice:+1.216.723.3030 Fax:+1.216.723.3223 macy@telemax.com  
: Telemax Inc. and F M Systems Inc. 152 Highland Drive Medina, Ohio 44256 USA

Hooray for my Standard C168A once again. It has a metal loop for the wrist  
strap to fasten to. This loop is fastened securely to the radios internal  
framework and protrudes through through a slot in the radios case. Just one  
more feature that made it the winner on my list.

Dave, KB7QCL

-----  
Date: 20 Sep 93 15:54:26 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: University Amateur Radio Club Net  
To: info-hams@ucsd.edu

Hi--

Sorry it has taken me so long to post this but last week was incredibly busy....Well I recieved numerous replies to my original posting...and the results were very very favorable. So I guess I will plan on calling a net next sunday at 20 meters. at 20:00 UTC or 3 pm cst. On 14.238 Mhz. I will be using the call sign W9UIH, which is the club call for the SIU Amateur Radio Club. If Sunday presents a problem for people drop me a line and we can see about changing that to a more convenient time. So 73 and hope to hear you next Sunday on the "New & Improved University Radio Club Net" (by the way I guess we'll just have to figure out a format along the way....73's Gary KE9MI

-----  
Date: Mon, 20 Sep 1993 14:05:11 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
vixen.cso.uiuc.edu!moe.ksu.ksu.edu!hobbes.physics.uiowa.edu!news.uiowa.edu!  
icaen.uiowa.edu!drenze@network.ucsd.edu  
Subject: UOC?  
To: info-hams@ucsd.edu

Question...I was tuning across the lower end of the AM dial today and came across something I've never found before...right at about 530 kHz is what appears to be a beacon. It continually transmits the three-letter group 'UOC' (though the 'O' might be a 'K', 'cause the middle dah is just a smidge shorter than the rest of the dahs in the group, but longer than the dits).

Anybody know what this is?

Tnx es 73 de Doug N0Z??  
05W 00D 20H 05M and counting...

--  
\_\_ /| | Douglas J Renze | Charter Member, Popular Front  
'o.o' | +1 319 337 4664 | for Revolutionary Darwinism:  
=(\_\_\_)= | drenze@isca.uiowa.edu |  
U | Douglas-Renze@uiowa.edu | Evolution Now!

-----  
Date: Mon, 20 Sep 1993 12:57:49 GMT

From: news.crd.ge.com!crd.ge.com!mallick@uunet.uu.net  
Subject: Who Wrote Scratchi?  
To: info-hams@ucsd.edu

In a couple of old "Radio" mags I have from the late 1930's, there are columns by "Scratchi", so it pre-dates WWII.

--

John A. Mallick WA1HNL	E-mail: mallick@crd.ge.com
GE Corporate Research and Development	Phone: (518)-387-7667 (W)
Schenectady, NY 12301	FAX; (518)-387-6560 (W)

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Date: 20 Sep 93 14:24:15 GMT  
From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu  
To: info-hams@ucsd.edu

References <tpang.748427299@sfu.ca>, <1993Sep19.145537.28803@ke4zv.atl.ga.us>, <CDMG5w.Ln5@news.Hawaii.Edu>  
Reply-To : gary@ke4zv.UUCP (Gary Coffman)  
Subject : Re: Emergency: cellular vs ham (was Re: Yagi for Cellular Phone?)

In article <CDMG5w.Ln5@news.Hawaii.Edu> jherman@uhunix3.uhcc.Hawaii.Edu (Jeff Herman) writes:

>In article <1993Sep19.145537.28803@ke4zv.atl.ga.us> gary@ke4zv.UUCP (Gary Coffman) writes:

>

>Oh Gary, I think you are REALLY drawing straws here; to blame the demise  
>of this wonderful sounding club on a group who use higher speed Morse  
>is really a thin argument. Certainly, none of us were there to witness  
>this except you, but common sense would dictate that there should be  
>no connection between a new licensing system, and a club closing down.  
>There's some pieces to this puzzle missing.

You don't understand the issue at all do you? The club long survived the presence of retired telegraphers and WWII intercept operators. They were just hams who happened to be good at Morse. The 60s were a turbulent period of social unrest, but we had managed to get most of that "checked at the door" before Incentive Licensing barged in. We had Goldwater Republicans and LBJ liberals. We had two of the founding members of the local NAACP chapter, and we probably had a few others whose bed linen had eyeholes. Drugs, sex, and rock and roll couldn't break us. But when the government validated the high speed Morse operators as somehow "better" than the rest of us, and implemented that by taking away from the rest of us non-CW privileges that we had enjoyed, that we couldn't check at the door. Our sense of shared community was permanently broken.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

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Date: Mon, 20 Sep 93 13:42:33 GMT  
From: mnemosyne.cs.du.edu!nyx!lkollar@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993Sep14.185007.21606@cyphyn.radnet.com>,  
<1993Sep18.071614.9294@indirect.com>, <john.748365714@misty>  
Subject : Re: Neighborhood watch groups

This is probably a tempest in a teapot... it should be no problem to find a friendly repeater. F'r example, a friend of mine has a repeater set up on a Forest Service tower in north Georgia and justifies it by saying it's for emergency/public service use. I haven't asked him, but I'd bet he'd welcome a neighborhood watch group for that very reason. (The repeater also hosts a weekly county ARES net, but that's another topic.)

Anyway...

john@anasazi.com (John R. Moore) writes:

>A repeater belongs to someone. If you want to use it for YOUR group,  
>on a regular bases, ASK. It's only common courtesy.

This I strongly agree with. Although I munched the relevant text, I also agree that Northlink (& other linked repeater groups) are not the place for local/neighborhood exercises. However, if you're a repeater owner and do not want a public service group on your machine, it's only common courtesy (dare I say "obligation"?) to help that group find a more suitable (or more accommodating) repeater.

--

Larry Kollar, KC4WZK | I like CW, but that doesn't mean I think every ham  
lkollar@nyx.cs.du.edu | should have to learn it.

"You mean you came back from the dead, to tell me I'm \*odd\*?"

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Date: Mon, 20 Sep 93 20:13:46 GMT

From: walter!porthos!dancer!whs70@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993Sep17.204130.16148@cyphyn.radnet.com>,  
<27gneo\$b23@hobbes.cc.uga.edu>, <holdwick\_marc-200993114327@136.182.219.61>  
Subject : Re: Antenna Covenants AGAIN (but now with a twist!)

In article <holdwick\_marc-200993114327@136.182.219.61>  
holdwick\_marc@macmail1.rtsg.mot.com (Marc Holdwick) writes:  
>

>Where do restrictive covenants get their power? (There must be some law  
>that provides for them)

See below

>I was reading the PRB-1 info from the league and I understand how PRB-1  
>doesn't help with covenants. But I must take issue with one statement:  
>"we (the FCC) have no interest in covenants, because it is by the  
>buyers/leasers choice to buy/lease the property" (paraphrased).  
>This might have been the case 15 years ago, but I'll be willing to bet that  
>most ANY new housing has covenants restricting (usually banning) antennas.  
>I'm sure most developers (like apartment landlords) use "boilerplate" legal  
>documents from a real estate manual of some sort. It's starting to seem  
>like less and less of a "choice" anymore...  
>Marc Holdwick, N8KWX

Restrictive covenenats get their power from basic contract law. You  
bought the house with those covenants attached by the initial developer  
to the property. The fact that they are not readily apparent in a contract  
of sale (i.e. they are recorded as attachments to all the deeds in some  
filing at the local or county level) doesn't invalidate their impact, as  
too many folks can readily attest to. It is strictly a matter of civil  
law.

As to all or most new developments being built with such covenenats,  
that may be true in some places, but certainly not all. To enforce such  
covenants usually requires an active homeowners association and that  
isn't always the goal of all developers. Here in the northeast, I'd say  
most single family dwellings (not townhouses, etc.) are built and sold  
without such covenants, and even if such covenants exist, few areas  
have any ongoing "homeowners association" to actively monitor and thus  
enforce such restrictions.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

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Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)  
Morristown, NJ email via UUCP bcr!cc!whs70  
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

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End of Info-Hams Digest V93 #1119

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